

**American Council on Education
Military Programs
Evaluation at the US Coast Guard Training Center
Yorktown, Virginia
September 2002**

CG-0802-0019

EXPLOSIVE HANDLING SUPER-VISOR

COURSE NUMBER: MS 496.

LOCATION: Reserve Training Center, Yorktown, VA.

LENGTH: 2 weeks (82 hours).

EXHIBIT DATES: 4/93-Present.

CREDIT RECOMMENDATION: In the lower-division baccalaureate/associate degree category, 3 semester hours in introductory explosive hazardous materials (HAZMAT) safety (9/02).

CG-1304-0017

MARINE SCIENCE TECHNICIAN, CLASS A

COURSE NUMBER: MS 720R.

LOCATION: Reserve Training Center, Yorktown, VA.

LENGTH: 7-8 weeks (247-257 hours).

EXHIBIT DATES: 10/96-Present.

CREDIT RECOMMENDATION: In the lower-division baccalaureate/associate degree category, 1 semester hour in word processing, 3 in computer applications, and 3 in introduction to meteorology (9/02).

CG-1402-0005

PROGRAMMABLE LOGIC CONTROLLERS

COURSE NUMBER: EM-04.

LOCATION: Reserve Training Center, Yorktown, VA.

LENGTH: 2 weeks (80 hours).

EXHIBIT DATES: 2/02-Present.

CREDIT RECOMMENDATION: In the lower-division baccalaureate/associate degree category, 3 semester hours in programmable logic controllers (9/02).

CG-1405-0012

CENTRALIZED SHIPBOARD SUPPLY

COURSE NUMBER:

Version 1: CS.

Version 2: CS.

LOCATION: Reserve Training Center, Yorktown, VA.

LENGTH:

Version 1: 2 weeks (67 hours).

Version 2: 1 week (38 hours).

EXHIBIT DATES:

Version 1: 8/94 to 7/99

Version 2: 8/99 to present

CREDIT RECOMMENDATION:

Version 1: In the lower-division baccalaureate/associate degree category, 3 semester hours in recordkeeping procedures (9/02).

Version 2: In the lower-division baccalaureate/associate degree category, 1 semester hour in materials management procedures laboratory (9/02).

CG-1703-0001

GENERAL MOTORS MODEL 8-645 DIESEL ENGINE

COURSE NUMBER: MK-14.

LOCATION: Reserve Training Center, Yorktown, VA.

LENGTH: 1 week (35 hours).

CREDIT RECOMMENDATION: In the lower-division baccalaureate/associate degree category, 1 semester hour in automotive or marine engines, or industrial maintenance programs in diesel engine tuning and maintenance (9/02).

CG-1703-0002

PAXMAN VALENTA DIESEL ENGINE

COURSE NUMBER: MK-30.

LOCATION: Reserve Training Center, Yorktown, VA.

LENGTH: 1 week (38 hours).

EXHIBIT DATES: 9/99-Present.

CREDIT RECOMMENDATION: In the lower-division baccalaureate/associate degree category, 1 semester hour in automotive or marine engines, or industrial maintenance programs for diesel maintenance (9/02).

CG-1704-0032

HYDRAULIC SYSTEMS AND EQUIPMENT

(Hydraulic Systems and Equipment Operation and Maintenance)

COURSE NUMBER: MK-6.

LOCATION: Reserve Training Center, Yorktown, VA.

LENGTH: 2 weeks (68-76 hours).

EXHIBIT DATES: 12/92 to present

CREDIT RECOMMENDATION: In the lower-division baccalaureate/associate degree category, 3 semester hours in introduction to hydraulic systems (9/02).

CG-1710-0016

ALUMINUM WELDING, CLASS C

COURSE NUMBER: DC-2.

LOCATION: Reserve Training Center, Yorktown, VA.

LENGTH: 4 weeks (144-150 hours).

EXHIBIT DATES: 10/87-Present.

CREDIT RECOMMENDATION: In the lower-division baccalaureate/associate degree category, 2 semester hours in gas metal arc welding and 2 in gas tungsten arc welding (9/02).

CG-1710-0017

STEEL WELDING, CLASS C

COURSE NUMBER: DC-01.

LOCATION: Reserve Training Center, Yorktown, VA.

LENGTH: 3 weeks (84-113 hours).

EXHIBIT DATES: 11/87-Present.

CREDIT RECOMMENDATION: In the lower-division baccalaureate/associate degree category, 2 semester hours in shielded metal arc welding (9/02).

CG-171 0-0023

110 C-WPB MACHINERY CONTROL AND ALARM SYSTEM

COURSE NUMBER: EM-33.

LOCATION: Reserve Training Center, Yorktown, VA.

LENGTH: 2 weeks (80 hours).

EXHIBIT DATES: 5/96-Present.

CREDIT RECOMMENDATION: In the lower-division baccalaureate/associate degree category, 2 semester hours in industrial maintenance (9/02).

CG-1712-0010

CATERPILLAR 3508 OPERATOR/MAINTENANCE (MK 34)

COURSE NUMBER: MK-34.

LOCATION: Reserve Training Center, Yorktown, VA.

LENGTH: 1 week (40 hours).

EXHIBIT DATES: 10/01-Present.

CREDIT RECOMMENDATION: In the lower-division baccalaureate/associate degree category, 1 semester, hour in automotive or marine engine, or industrial maintenance programs for diesel maintenance (9/02).

CG-1712-0011

CATERPILLAR 3608 OPERATOR MAINTENANCE (MK 36)

COURSE NUMBER: MK-36.

LOCATION: Reserve Training Center, Yorktown, VA.

LENGTH: 2 weeks (80 hours).

EXHIBIT DATES: 10/01-Present.

CREDIT RECOMMENDATION: In the lower-division baccalaureate/associate degree category, 1 semester hour in automotive or marine engines, or industrial maintenance programs for diesel maintenance; and 1 in internal combustion engine component inspection (9/02).

CG-1712-0012

CATERPILLAR 3400 SERIES DIESEL ENGINE

COURSE NUMBER: MK-26.

LOCATION: Reserve Training Center, Yorktown, VA.

LENGTH: 1 week (40 hours).

EXHIBIT DATES: 5/94-Present.

CREDIT RECOMMENDATION: In the lower-division baccalaureate/associate degree category, 1 semester hour in automotive or marine engines, or industrial maintenance areas in diesel engine tuning and maintenance (9/02).

CG-1712-0013

CATERPILLAR 6.25 BORE DIESEL ENGINE

COURSE NUMBER: MK-25.

LOCATION: Reserve Training Center, Yorktown, VA.

LENGTH: 1 week (40 hours).

EXHIBIT DATES: 5/94 to present

CREDIT RECOMMENDATION: In the lower-division baccalaureate/associate degree category, 1 semester hour in automotive or marine engines, or industrial maintenance programs in diesel engine tuning and maintenance (9/02).

CG-1714-0017

GUNNER'S MATE, CLASS A

COURSE NUMBER:

Version 4: GMA.

LOCATION: Reserve Training Center, Yorktown, VA.

LENGTH:

Version 4: 10 weeks (350 hours).

EXHIBIT DATES:

Version 4: 2/99-Present.

CREDIT RECOMMENDATION:

Version 4: In the lower-division baccalaureate/associate degree category, 1 semester hour in basic electricity, 1 in safety engineering, and 2 in small arms operations (9/02).

CG-1714-0018

4. ELECTRICIAN'S MATE, CLASS A

COURSE NUMBER:

Version 4: EM-A.

LOCATION: Reserve Training Center, Yorktown, VA.

LENGTH:

Version 4: 15 weeks (520 hours).

EXHIBIT DATES:

Version 4: 3/9B-Present.

CREDIT RECOMMENDATION:

Version 4: In the lower-division baccalaureate/associate degree category, 4 semester hours in AC/DC theory, 4 in AC/DC motors and generators, and 3 in introduction to solid-state devices (9/02).

CG-1715-0103

4. FIRE CONTROL SYSTEM MK 92 MOD 1 OPERATION AND MAINTENANCE

COURSE NUMBER:

Version 4: FT -05.

LOCATION: Reserve Training Center, Yorktown, VA.

LENGTH:

Version 4: 24 weeks (89B hours).

EXHIBIT DATES:

Version 4: 6/98-Present.

CREDIT RECOMMENDATION

Version 4: In the vocational certificate category, 3 semester hours in electronic system troubleshooting and repair and 3 in microcomputer system troubleshooting and repair; in the lower-division baccalaureate/associate degree category, 2 semester hours in electrical control systems maintenance and repair (9/02).

CG-1715-0148

2. ADVANCED DIGITAL ELECTRONICS TECHNOLOGY

COURSE NUMBER:

Version 2: EM-02.

LOCATION: Reserve Training Center, Yorktown, VA.

LENGTH:

Version 2: 5 weeks (182 hours).

EXHIBIT DATES:

Version 2: 2/99-Present.

CREDIT RECOMMENDATION:

Version 2: In the lower-division baccalaureate/associate degree category, 3 semester hours in digital and logic principles (9/02).

CG-1715-0149

2. ADVANCED ANALOG ELECTRONICS TECHNOLOGY

COURSE NUMBER:

Version 2: EM-01.

LOCATION: Reserve Training Center, Yorktown, VA.

LENGTH:

Version 2: 8 weeks (300 hours).

EXHIBIT DATES:

Version 2: 2/99-Present.

CREDIT RECOMMENDATION:

Version 2: In the lower-division baccalaureate/associate degree category, 4 semester hours in electronic control circuits (9/02).

CG-1715-0167

MK 75 OPERATION AND MAINTENANCE

COURSE NUMBER: GM-11.

LOCATION: Reserve, Training Center, Yorktown, VA.
LENGTH: 14 weeks (516 hours).
EXHIBIT DATES: 8/96-Present.
CREDIT RECOMMENDATION: In the lower-division baccalaureate/associate degree category, 3 semester hours in AC/DC circuits. 3 semester hours in electronic devices, 3 in basic hydrostatics and hydraulic systems, and 3 in electro/hydraulic control systems (9/02).

CG-1715-0168
FIRE CONTROL TECHNICIAN, CLASS A
COURSE NUMBER: FT -A
LOCATION: Reserve Training Center, Yorktown, VA.
LENGTH: 24 weeks (883-893 hours).
EXHIBIT DATES: 10/95-Present.
CREDIT RECOMMENDATION: In the lower-division baccalaureate/associate degree category, 2 semester hours in DC circuit analysis, 2 in AC circuit analysis, 3 in electronic devices and circuits, 2 in industrial electronics, 2 in digital electronics, 1 in microprocessors, 1 in electronic communications, 2 in electrical machinery, and 2 in radar systems (9/02).

CG-1722-0017
CONTINGENCY PREPAREDNESS PLANNER (CPCP)
COURSE NUMBER: MS-732.
LOCATION: Reserve Training Center, Yorktown, VA.
LENGTH: 2 weeks (80 hours).
EXHIBIT DATES: 6/96-Present.
CREDIT RECOMMENDATION: In the upper-division baccalaureate category, 3 semester hours in emergency/contingency/crisis response planning or 3 in public administration emergency preparedness planning (9/02).

CG-1722-0018
CONTINGENCY PREPAREDNESS COMMAND AND CONTROL
COURSE NUMBER: MS-739.
LOCATION: Reserve Training Center, Yorktown, VA.
LENGTH: 1 week (40 hours).
EXHIBIT DATES: 7/96-Present.
CREDIT RECOMMENDATION: In the upper-division baccalaureate category, 1 semester hour in crisis/contingency/emergency preparedness administration and evaluation (9/02).

CG-1722-0019
CONTINGENCY PREPAREDNESS EXERCISE PLANNER
COURSE NUMBER: MS-735.
LOCATION: Reserve Training Center, Yorktown, VA.
LENGTH: 2 weeks (80 hours).
EXHIBIT DATES: 7/96-Present.
CREDIT RECOMMENDATION: In the upper-division baccalaureate category, 3 semester hours in emergency, contingency, and crisis response exercise planning; or 3 in public administration emergency preparedness response exercise planning (9/02).

CG-1722-0020
CONTINGENCY PREPAREDNESS COMBINED PLANNER AND EXERCISE PLANNER
COURSE NUMBER: MS-734.
LOCATION: Reserve Training Center, Yorktown, VA.
LENGTH: 2-3 weeks (120 hours).
EXHIBIT DATES: 7/96-Present.

CREDIT RECOMMENDATION: In the upper-division baccalaureate category, 3 semester hours in contingency, emergency, crisis planning and training, or 3 in public administration emergency preparedness planning and 1 in contingency/emergency/crisis planning and training laboratory (9/02).

CG-1722-0021

ENGINEERING ADMINISTRATION EPO AS~ORE

COURSE NUMBER: MK-OIB

LOCATION: Reserve Training Center, Yorktown, VA.

LENGTH: 1 week (40 hours).

EXHIBIT DATES: 3/98-Present.

CREDIT RECOMMENDATION: In the lower-division baccalaureate/associate degree category, 1 semester hour in maintenance management (9/02).

CG-1722-0022

ENGINEERING ADMINISTRATION EPO AFLOAT I

COURSE NUMBER: MK-01A,

LOCATION: Reserve Training Center, Yorktown, VA.

LENGTH: 1 week (40 hours).

EXHIBIT DATES: 4/98-Present.

CREDIT RECOMMENDATION: Credit is not recommended because of the limited specialized nature of the course (9/02).

CG-1723-0005

MACHINERY TECHNICIAN, CLASS A

COURSE NUMBER:

Version 4: None.

LOCATION: Reserve Training Center, Yorktown, VA.

LENGTH:

Version 4: 11-12 weeks (380-420 hours).

EXHIBIT DATES:

Version 4: 11/94-Present.

CREDIT RECOMMENDATION:

Version 4: In the lower-division baccalaureate/associate degree category, 2 semester hours in internal combustion engines, 3 in marine engine auxiliary systems, 1 in engine electrical systems, and 1 in basic refrigeration (9/02).

CG-1728-0017

MARINE SAFETY INVESTIGATING OFFICER

(Investigating Officer)

COURSE NUMBER:

Version 2: MS-472R.

LOCATION: Reserve Training Center, Yorktown, VA.

LENGTH:

Version 2: 2-5 weeks (83-152 hours).

EXHIBIT DATES:

Version 2: 1/94-Present.

CREDIT RECOMMENDATION:

Version 2: In the lower-division baccalaureate/associate degree category, 2 semester hours in evidence collection and preservation, 2 in introductory risk management, and 2 in maritime law. Pre-requisite course awards not to be duplicated (CG-1728-0030/MS 400R and MS452R) (9/02).

CG-1728-0039

3. MARINE INSPECTOR

COURSE NUMBER:

Version 3: MS 452.

LOCATION: Reserve Training Center, Yorktown, VA.

LENGTH:

Version 3: 5 weeks (185 hours).

EXHIBIT DATES:

Version 3: 10/97-Present.

CREDIT RECOMMENDATION:

Version 3: In the lower-division baccalaureate/associate degree category, 1 semester hour in marine safety, 3 in marine inspection methods (deck and engine), and 3 in inspection management (9/02).

CG-1728-0040

2. PORT SECURITY SPECIALIST, CLASS A

COURSE NUMBER:

Version 2: MS-420R.

LOCATION: Reserve Training Center, Yorktown, VA.

LENGTH:

Version 2: 5 weeks (175 hours).

EXHIBIT DATES:

Version 2: 5/01-Present.

CREDIT RECOMMENDATION:

Version 2: In the lower-division baccalaureate/associate degree category, 2 semester hours in law enforcement, 2 in small arms training, and 1 in port and maritime security (9/02).

CG-1728-0046

DAMAGE CONTROL AND FIREFIGHTING

COURSE NUMBER: DC-06.

LOCATION: Reserve Training Center, Yorktown, VA.

LENGTH: 1 week (40-41 hours).

EXHIBIT DATES: 7/92-Present.

CREDIT RECOMMENDATION: In the lower-division baccalaureate/associate degree category, 3 semester hours in introductory fire fighting (9/02).

CG-1728-0047

ENTRY LEVEL PORT OPERATIONS

COURSE NUMBER: MS-401.

LOCATION: Reserve Training Center, Yorktown, VA.

LENGTH: 3-4 weeks (146 hours).

EXHIBIT DATES: 10/00-Present.

CREDIT RECOMMENDATION: In the lower-division baccalaureate/associate degree category, 3 semester hours in pollution control and 3 in maritime law (9/02).

CG-1728-0048

COMMERCIAL FISHING VESSEL EXAMINER

COURSE NUMBER: MS57R.

LOCATION: Reserve Training Center, Yorktown, VA.

LENGTH: 1 week (4.1 hours).

EXHIBIT DATES: 8/93-Present.

CREDIT RECOMMENDATION: In the lower-division baccalaureate/associate degree category, 2 semester hours in small vessel marine safety (9/02).

CG-1728-0049

ADVANCED INVESTIGATING OFFICER

COURSE NUMBER: MS-472A.

LOCATION: Reserve Training Center, Yorktown, VA.

LENGTH: 3 weeks (111 hours).

EXHIBIT DATES: 4/99-Present.

CREDIT RECOMMENDATION: In the lower-division baccalaureate/associate degree category, 2 semester hours in maritime law and 2 in evidence documentation (9/02).

CG-2201-0001

MK 38 MOD 0 22MM MACHINE GUN SYSTEM

COURSE NUMBER:

Version 1: GM-8.

Version 2: GM-8.

LOCATION: Reserve Training Center, Yorktown, VA.

LENGTH:

Version 1: 1-2 weeks (45 hours).

Version 2: 1 week (38-40 hours).

EXHIBIT DATES:

Version 1: 2/93-10/97.

Version 2: 11/97-Present.

CREDIT RECOMMENDATION:

Version 1: Credit is not recommended because of the military-specific nature of the course (9/02).

Version 2: Credit is not recommended because of the military-specific nature of the course (9/02).

CG-2202-0006

270 WMEC MAIN PROPULSION CONTROL AND MONITORING SYSTEM

COURSE NUMBER: MK-29.

LOCATION: Reserve Training Center, Yorktown, VA.

LENGTH: 1 week (40 hours).

EXHIBIT DATES: 3/93-Present.

CREDIT RECOMMENDATION: Credit is not recommended because of the limited, specialized nature of the course (9/02).

CG-2202-0007

110' A & B WPB CONTROL SYSTEMS

COURSE NUMBER: EM-32.

LOCATION: Reserve Training Center, Yorktown, VA.

LENGTH: 1 week (40 hours).

EXHIBIT DATES: 8/95-Present.

CREDIT RECOMMENDATION: Credit is not recommended because of the military-specific nature of the course (9/02).